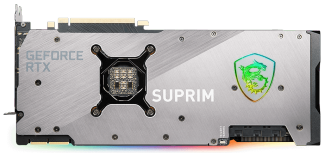
GRAPHICS CARDS

GeForce RTX™ 3090 SUPRIM 24G







SPECIFICATIONS

Model Name	GeForce RTX™ 3090 SUPRIM 24G
Graphics Processing Unit	NVIDIA® GeForce RTX™ 3090
Interface	PCI Express® Gen 4
Cores	10496 Units
Core Clocks	Extreme Performance: 1815 MHz (Dragon Center) Boost: 1800 MHz (GAMING & SILENT Mode)
Memory Speed	19.5 Gbps
Memory	24GB GDDR6X
Memory Bus	384-bit
Output	DisplayPort x 3 (v1.4a) HDMI x 1 (Supports 4K@120Hz as specified in HDMI 2.1)
HDCP Support	Y
Power consumption	420W
Power connectors	8-pin x 3
Recommended PSU	850W
Card Dimension (mm)	336 x 140 x 61 mm
Weight (Card / Package)	1895g / 3197g
DirectX Version Support	12 API
OpenGL Version Support	4.6
NVLink Support	Y
Maximum Displays	4
VR Ready	Y
G-SYNC® technology	Y
Adaptive Vertical Sync	Y
Digital Maximum Resolution	7680 x 4320

FEATURES

TRI FROZR 2S

Thermals are kept in check in masterful ways under that sculpted exterior, letting you focus on your games.

TORX FAN 4.0

A masterpiece of teamwork, fan blades work in pairs to create unprecedented levels of focused air pressure.

Core Pipe

Precision-machined heat pipes ensure max contact and spread heat along the full length of the heatsink.

Airflow Control

Don't sweat it, Airflow Control guides the air to exactly where it needs to be for maximum cooling.

Close Quarters Heatpipe & Heatsink

Memory modules have their own close quarters heatpipe and heatsink for dedicated cooling.

Close Quarters Heatpipes Backplate

Heatpipes beneath the metal backplate provide cooling for the memory modules on the rear of the PCB.

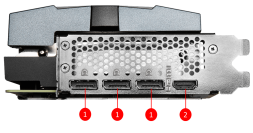
Dual BIOS

Dual BIOS gives you the choice to prioritize for full performance in GAMING mode or low noise in SILENT mode.

Dragon Center

MSI's exclusive Dragon Center software lets you monitor, tweak and optimize MSI products in real-time.

CONNECTIONS



1. DisplayPort
2. HDMI

Generated 2021-02-09, check for the latest version www.msi.com/datasheet. The information provided in this document is intended for informational purposes only and is subject to change without notice.

TRUE GAMING © 2021 Micro-Star Int'l Co.Ltd. MSI is a registered trademark of Micro-Star Int'l Co.Ltd. All rights reserved.© 2021 NVIDIA, the NVIDIA logo, GeForce, SHIELD, and NVIDIA G-SYNC are trademarks and/or registered trademarks of NVIDIA Corporation in the U.S. and other countries.